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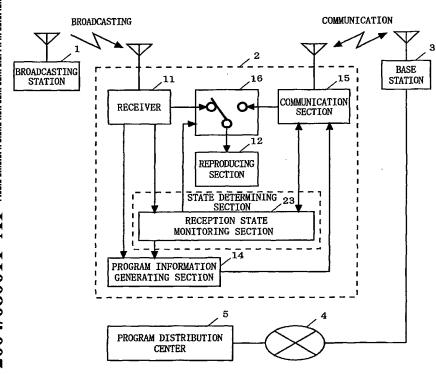
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(54) Title: MOBILE TERMINAL HAVING FUNCTIONS OF PROGRAM RECEPTION THROUGH BROADCASTING AND THROUGH NETWORK COMMUNICATION, AND PROGRAM RECEPTION CONTROLLING METHOD



(57) Abstract: A mobile terminal is provided for achieving continuous program viewing/listening by appropriately switching between program reception through broadcasting and program reception through communication with a broadcast receiving function and a communication function working cooperatively. A receiver (11) receives a program broadcasted from a broadcasting station (11). A reception state monitoring section (23) monitors a state of receiving the broadcast program in the receiver (21). If the reception state is in a satisfactory the broadcast program is reproduced by the reproducing section Upon determination by the (12).reception state monitoring section (23) that the reception state has been deteriorated, a program information generating section (14) generates program information specifying the broadcast program being currently received by the receiver (11), and then gives the program information to a communication section (15). The

communication section (15) communicates with a program distribution center (5) to receive program data corresponding to the generated program information by streaming. The program data received through communication is reproduced instead of the broadcast program by the reproducing section (12).





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| International application No. | International filing date (day/month/year) | (Earliest) Priority Date (day/month/year) |
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| Applicant | | |
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| | shed by this Authority to read as follows: | |
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| | | CEPTION CONTROLLING METHOD |
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| 6. With regards to the drawings, | muhitaha durith tha ab store to 500 | |
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International Application No PCT/JP2004/002684

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/56 H04H1/08

H04Q7/22

H04L29/08

H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) HO4L HO4H HO4Q HO4M IPC 7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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|------------|---|----------------------|
| A | US 2002/010763 A1 (SALO JUHA ET AL) 24 January 2002 (2002-01-24) the whole document | 1-13 |
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| Name and mailing address of the ISA | Authorized officer |

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| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| | | | WO | 9918684 A1 | 15-04-1999 |

International application No.

INTERNATIONAL SECH REPORT

PCT/4

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

(1)

A mobile terminal is provided for achieving continuous program viewing/listening by appropriately switching between program reception through broadcasting and program reception through communication with a broadcast receiving function and a communication function working cooperatively. A receiver (11) receives a program broadcasted from a broadcasting station (11) A reception state monitoring section (23) monitors a state of receiving the broadcast program in the receiver (21). If the reception state is in a satisfactory state, the broadcast program is reproduced by the reproducing section (12). Upon determination by the reception state monitoring section (23) that the reception state has been deteriorated, a program information generating section (14) generates program information specifying the broadcast program being currently received by the receiver (11), and then gives the program information to a communication section (15). The communication section (15) communicates with a program distribution center (5) to receive program data corresponding to the generated program information by streaming. The program data received through communication is reproduced instead of the broadcast program by the reproducing section (12).